

FORM PTO-1390 (REV. 11-98)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTORNEY'S DOCKET NUMBER 20052YP	
TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371				U.S. APPLICATION NO. (If known, see 37 CFR 1.5)	
				09/601582	
INTERNATIONAL APPLICATION NO. PCT/US99/02361		INTERNATIONAL FILING DATE 03 February 1999		PRIORITY DATE CLAIMED 05 February 1998	
TITLE OF INVENTION NOVEL GABAB RECEPTOR DNA SEQUENCES					
APPLICANT(S) FOR DO/EO/US Qingyun Liu, Terrence McDonald, Timothy P. Bonnert, Gordon Ng, Lee F. Kolakowski, Jr., Janet Clark, Tom I. Bonner					
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:					
1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a filing under 35 U.S.C. 371.					
2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 U.S.C. 371.					
3. <input type="checkbox"/> This is an express request to begin national examination procedures [35 U.S.C. 371(f)] at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(l).					
4. <input checked="" type="checkbox"/> A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.					
5. <input checked="" type="checkbox"/> A copy of the International Application as filed [35 U.S.C. 371(c)(2)].					
a. <input checked="" type="checkbox"/> is transmitted herewith (required only if not transmitted by the International Bureau).					
b. <input type="checkbox"/> has been transmitted by the International Bureau.					
c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).					
6. <input type="checkbox"/> A translation of the International Application into English [35 U.S.C. 371(c)(2)].					
7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 [35 U.S.C. 371(c)(3)].					
a. <input type="checkbox"/> are transmitted herewith (required only if not transmitted by the International Bureau).					
b. <input type="checkbox"/> have been transmitted by the International Bureau.					
c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.					
d. <input type="checkbox"/> have not been made and will not be made.					
8. <input type="checkbox"/> A translation of the amendments to the claims under PCT Article 19 [35 U.S.C. 371(c)(3)].					
9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) [35 U.S.C. 371(c)(4)].					
10. <input type="checkbox"/> A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 [35 U.S.C. 371(c)(5)].					
Items 11 to 16 below concern other document(s) or information included:					
11. <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.					
12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.					
13. <input type="checkbox"/> A <b>FIRST</b> preliminary amendment.					
<input type="checkbox"/> A <b>SECOND</b> or <b>SUBSEQUENT</b> preliminary amendment.					
14. <input type="checkbox"/> A substitute specification.					
15. <input type="checkbox"/> A change of power of attorney and/or address letter.					
16. <input type="checkbox"/> Other items or information:					

OIPE  
AUG 02 2000  
PATENT & TRADEMARK OFFICE

EXPRESS MAIL CERTIFICATE  
 DATE OF DEPOSIT August 2, 2000  
 EXPRESS MAIL NO. EKO1163580015  
 I HEREBY CERTIFY THAT THIS CORRESPONDENCE IS  
 BEING DEPOSITED WITH THE UNITED STATES POSTAL  
 SERVICE AS EXPRESS MAIL "POST OFFICE TO  
 ADDRESSEE" BEFORE 5 P.M. ON THE ABOVE DATE IN  
 AN ENVELOPE ADDRESSED TO ASSISTANT COMMISSIONER  
 FOR PATENTS, WASHINGTON, D.C. 20231.  
 MAILED BY [Signature]  
 DATE August 2, 2000

U.S. APPLICATION NO. (If known, see CFR 1.5)		INTERNATIONAL APPLICATION NO.		ATTORNEY'S DOCKET NUMBER	
09/601582		PCT/US99/02361		20652YP	

<p>17. <input checked="" type="checkbox"/> The following fees are submitted:</p> <p><b>BASIC NATIONAL FEE [37 CFR 1.492(a)(1)-(5)]:</b></p> <p>Neither international preliminary examination fee (37 CFR 1.482) nor international search fee [37 CFR 1.445(a)(2)] paid to USPTO and International Search Report not prepared by the EPO or JPO..... <b>\$970.00</b></p> <p>International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO..... <b>\$840.00</b></p> <p>International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee [37 CFR 1.445(a)(2)] paid to USPTO..... <b>\$690.00</b></p> <p>International preliminary examination fee paid to USPTO (37 CFR 1.482) but all claims did not satisfy provisions of PCT Article 33(1)-(4)..... <b>\$670.00</b></p> <p>International preliminary examination fee paid to USPTO (37 CFR 1.482) and all claims satisfied provisions of PCT Article 33(1)-(4)..... <b>\$96.00</b></p> <p style="text-align: right;"><b>ENTER APPROPRIATE BASIC FEE AMOUNT =</b></p>	<b>CALCULATIONS</b>	<b>PTO USE ONLY</b>																									
	\$96.00																										
<p>Surcharge of <b>\$130.00</b> for furnishing the oath or declaration later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date [37 CFR 1.492(e)].</p>	\$0.00																										
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 20%;">Claims</th> <th style="width: 20%;">Number Filed</th> <th style="width: 20%;">Number Extra</th> <th style="width: 20%;">Rate</th> <th style="width: 20%;"></th> </tr> <tr> <td>Total Claims</td> <td>19 - 20 =</td> <td>0</td> <td>X \$18.00</td> <td>\$0.00</td> </tr> <tr> <td>Independent Claims</td> <td>11 - 3 =</td> <td>8</td> <td>X \$78.00</td> <td>\$624.00</td> </tr> <tr> <td>Multiple dependent claim(s) (if applicable)</td> <td></td> <td>0</td> <td>+ \$260.00</td> <td>\$0.00</td> </tr> <tr> <td colspan="4" style="text-align: right;"><b>TOTAL OF ABOVE CALCULATIONS =</b></td> <td>\$720.00</td> </tr> </table>	Claims	Number Filed	Number Extra	Rate		Total Claims	19 - 20 =	0	X \$18.00	\$0.00	Independent Claims	11 - 3 =	8	X \$78.00	\$624.00	Multiple dependent claim(s) (if applicable)		0	+ \$260.00	\$0.00	<b>TOTAL OF ABOVE CALCULATIONS =</b>				\$720.00		
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Total Claims	19 - 20 =	0	X \$18.00	\$0.00																							
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Multiple dependent claim(s) (if applicable)		0	+ \$260.00	\$0.00																							
<b>TOTAL OF ABOVE CALCULATIONS =</b>				\$720.00																							
<p>Reduction by 1/2 for filing by small entity, if applicable. Verified Small Entity Statement must also be filed. (Note 37 CFR 1.9, 1.27, 1.28).</p>																											
<b>SUBTOTAL =</b>	\$720.00																										
<p>Processing fee of <b>\$130.00</b> for furnishing the English translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date [37 CFR 1.492(f)].</p>	\$0.00																										
<b>TOTAL NATIONAL FEE =</b>	\$720.00																										
<p>Fee for recording the enclosed assignment [37 CFR 1.21(h)]. The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). <b>\$40.00</b> per property.</p>																											
<b>TOTAL FEES ENCLOSED =</b>	\$720.00																										
	Amount to be refunded																										
	charged																										

a. ☐ A check in the amount of \$ \_\_\_\_\_ to cover the above fees is enclosed.

b. ☒ Please charge my Deposit Account No. 13-2755 in the amount of \$720.00 to cover the above fees. A duplicate copy of this sheet is enclosed.

c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to the Deposit Account No. 13-2755. A duplicate copy of this sheet is enclosed.

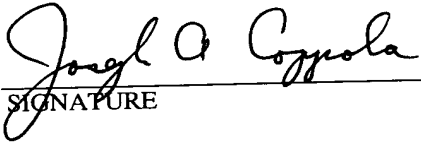
**NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive [37 CFR 1.137(a) or (b)] must be filed and granted to restore the application to pending status.**

**SEND ALL CORRESPONDENCE TO:**

MERCK & CO., INC.  
 Patent Department, RY60-30  
 P.O. Box 2000  
 126 East Lincoln Avenue  
 Rahway, New Jersey 07065-0970

DATE: 2 AUGUST 2000

PHONE #: (732) 594-6734

  
 SIGNATURE  
Joseph A. Coppola  
 NAME  
38,413  
 REGISTRATION NUMBER